

RELIABLE RESTORATION OF ARCHIVED CONFIGURATIONS FOR A NETWORK DEVICE

ABSTRACT

Techniques are described for reliable restoration of archived configuration. For example, a device, such as a router, comprises a first memory to store operational configuration data and a second memory to store candidate configuration data. The candidate configuration data represents a working copy of the operational configuration data. The device further includes a control unit to lock the candidate configuration data, load archived configuration data to replace the locked candidate configuration data and commit the candidate configuration data to restore the archived configuration data as the operational configuration data of the device. In locking the candidate configuration, the device ensures reliable restoration of the candidate configuration by helping prevent the device from becoming both unreachable and inoperable.